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1.2 pax-utils 1.3.2-r0

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1.3 pystache 0.5.4

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1.5 gdbm 1.19-r0

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1.7 zlib 1.2.11

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1.8 libverto 0.3.1-r1

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1.9 python-dotenv 0.18.0

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django-dotenv-rw

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1.10 util-linux 2.37-r0

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```
NR START  END SECTORS SIZE NAME UUID
1  32 7679  7648 3.7M   8f8378c0-01
2 7680 16383  8704 4.3M   8f8378c0-02
5 7936 12799  4864 2.4M
6 12544 16127  3584 1.8M
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x ?"U@,5 @mISmIN<GimCN7g1u|E

43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI

A0mImImI...

lost+found...

;9GimCN7g

!"#\$%&'()*+,-

./0123456789;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#\$%&'()*+,-

./0123456789;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

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./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@ WEV[B "1

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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1.13 charset-normalizer 2.0.3

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1.14 expat 2.4.1

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1.15 python-setuptools 49.2.1

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1.16 heimdal 7.7.0-r1

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-- Tom St Denis

```
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@vskip 20pt plus 1fil  
@end macro
```

```
@macro copyrightstart{ }  
@end macro
```

```
@macro copyrightend{ }  
@end macro
```

```
@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
```

```
@heading Kungliga Tekniska Hgskolan
```

```
@copyrightstart  
@verbatim
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GSS-API mechglue layer.

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@table @asis

@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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1.18 pyyaml 5.4.1

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1.19 jinja2 3.0.1

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Metadata-Version: 2.1

Name: Jinja2

Version: 3.0.1

Summary: A very fast and expressive template engine.

Home-page: <https://palletsprojects.com/p/jinja/>

Author: Armin Ronacher

Author-email: armin.ronacher@active-4.com

Maintainer: Pallets

Maintainer-email: contact@palletsprojects.com

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Project-URL: Donate, <https://palletsprojects.com/donate>

Project-URL: Documentation, <https://jinja.palletsprojects.com/>

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Project-URL: Source Code, <https://github.com/pallets/jinja/>

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Description: Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing

Install and update using `pip`:

```
.. code-block:: text
```

```
$ pip install -U Jinja2
```

```
.. _pip: https://pip.pypa.io/en/stable/quickstart/
```

In A Nutshell

```
.. code-block:: jinja
```

```
{% extends "base.html" %}
{% block title %}Members{% endblock %}
{% block content %}
```



```
<ul>
{% for user in users %}
  <li><a href="{{ user.url }}">{{ user.username }}</a></li>
{% endfor %}
</ul>
{% endblock %}
```

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Links

- Documentation: <https://jinja.palletsprojects.com/>
- Changes: <https://jinja.palletsprojects.com/changes/>
- PyPI Releases: <https://pypi.org/project/Jinja2/>
- Source Code: <https://github.com/pallets/jinja/>
- Issue Tracker: <https://github.com/pallets/jinja/issues/>
- Website: <https://palletsprojects.com/p/jinja/>
- Twitter: <https://twitter.com/PalletsTeam>
- Chat: <https://discord.gg/pallets>

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=3.6

Description-Content-Type: text/x-rst

Provides-Extra: i18n

Found in path(s):

* /opt/cola/permits/1173476334_1623663621.09/0/jinja2-3-0-1-1-tar-gz/Jinja2-3.0.1/PKG-INFO

* /opt/cola/permits/1173476334_1623663621.09/0/jinja2-3-0-1-1-tar-gz/Jinja2-3.0.1/src/Jinja2.egg-info/PKG-INFO

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Found in path(s):

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No license file was found, but licenses were detected in source scan.

[metadata]

name = Jinja2

version = attr: jinja2.__version__

url = <https://palletsprojects.com/p/jinja/>

project_urls =

Donate = <https://palletsprojects.com/donate>

Documentation = <https://jinja.palletsprojects.com/>

Changes = <https://jinja.palletsprojects.com/changes/>

Source Code = <https://github.com/pallets/jinja/>

Issue Tracker = <https://github.com/pallets/jinja/issues/>

Twitter = <https://twitter.com/PalletsTeam>

Chat = <https://discord.gg/pallets>

license = BSD-3-Clause

```
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = A very fast and expressive template engine.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
    Development Status :: 5 - Production/Stable
    Environment :: Web Environment
    Intended Audience :: Developers
    License :: OSI Approved :: BSD License
    Operating System :: OS Independent
    Programming Language :: Python
    Topic :: Internet :: WWW/HTTP :: Dynamic Content
    Topic :: Text Processing :: Markup :: HTML
```

```
[options]
```

```
packages = find:
package_dir = = src
include_package_data = true
python_requires = >= 3.6
```

```
[options.packages.find]
```

```
where = src
```

```
[options.entry_points]
```

```
babel.extractors =
    jinja2 = jinja2.ext:babel_extract[!18n]
```

```
[tool:pytest]
```

```
testpaths = tests
filterwarnings =
    error
```

```
[coverage:run]
```

```
branch = True
source =
    jinja2
    tests
```

```
[coverage:paths]
```

```
source =
    src
    */site-packages
```

```
[flake8]
```

```
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
per-file-ignores =
src/jinja2/___init___py: F401
```

```
[mypy]
files = src/jinja2
python_version = 3.6
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
```

```
[mypy-jinja2.defaults]
no_implicit_reexport = False
```

```
[mypy-markupsafe]
no_implicit_reexport = False
```

```
[egg_info]
tag_build =
tag_date = 0
```

Found in path(s):

* /opt/cola/permits/1173476334_1623663621.09/0/jinja2-3-0-1-1-tar-gz/Jinja2-3.0.1/setup.cfg

1.20 chardet 4.0.0

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Version 2.1, February 1999

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1.21 musl 1.2.2-r1

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1.22 brotli 1.0.9-r5

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1.23 waitress 2.0.0

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1.24 wheel 0.36.2

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1.25 xmljson 0.2.1

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1.26 db-sqlite3 0.0.1

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1.27 idna 2.10

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Found in path(s):

```
* /opt/cola/permits/1110905341_1606871385.15/0/kjd-idna-v2-10-0-ge5c11db-1-tar-gz/kjd-idna-b8defb9/LICENSE.rst
```

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"""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

"""

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
```

```
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```
        'name': 'idna',
```

```
        'packages': ['idna'],
```

```
        'version': package_data['__version__'],
```

```
        'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
```

```
        'author_email': 'kim@cynosure.com.au',
```

```
        'license': 'BSD-like',
```

```
        'url': 'https://github.com/kjd/idna',
```

```
        'classifiers': [
```

```

'Development Status :: 5 - Production/Stable',
'Intended Audience :: Developers',
'Intended Audience :: System Administrators',
'License :: OSI Approved :: BSD License',
'Operating System :: OS Independent',
'Programming Language :: Python',
'Programming Language :: Python :: 2',
'Programming Language :: Python :: 2.7',
'Programming Language :: Python :: 3',
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Programming Language :: Python :: 3.7',
'Programming Language :: Python :: 3.8',
'Programming Language :: Python :: Implementation :: CPython',
'Programming Language :: Python :: Implementation :: PyPy',
'Topic :: Internet :: Name Service (DNS)',
'Topic :: Software Development :: Libraries :: Python Modules',
'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
}

setup(**arguments)

if __name__ == '__main__':
    main()

```

Found in path(s):

* /opt/cola/permits/1110905341_1606871385.15/0/kjd-idna-v2-10-0-ge5c11db-1-tar-gz/kjd-idna-b8defb9/setup.py

1.28 pysqlite3 0.4.6

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1.29 flask-wtf 0.15.1

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1.30 iniconfig 1.1.1

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1.31 dns-python 2.1.0

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1.32 ca-certificates 20191127-r5

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1.33 python-pip 20.2.3

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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
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3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
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3.1.4	3.1.3	2011	PSF	yes
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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no

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2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
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2.4.2	2.4.1	2005	PSF	yes
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2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
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2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see <http://www.zope.com>). In 2001, the Python Software
Foundation (PSF, see <http://www.python.org/psf/>) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

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1.34 libxslt 1.1.34-r0

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1.35 bzip2 1.0.8-r1

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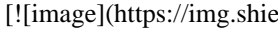
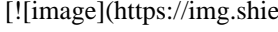
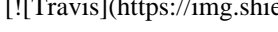
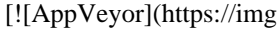
bzip2/libbzip2 version 1.0.2 of 30 December 2001

1.36 bump2version 1.0.1

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```
# bump2version
```

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NOTE

This is a maintained fork of the excellent [\[bumpversion project\]\(https://github.com/peritus/bumpversion\)](https://github.com/peritus/bumpversion).

Overview

Version-bump your software with a single command!

A small command line tool to simplify releasing software by updating all version strings in your source code by the correct increment. Also creates commits and tags:

- * version formats are highly configurable
- * works without any VCS, but happily reads tag information from and writes commits and tags to Git and Mercurial if available
- * just handles text files, so it's not specific to any programming language
- * supports Python 3 and PyPy3

If you want to use Python 2, use ``pip>=9`` and you'll get the last supported version, or pin ``bump2version<1``.

Alternatives

If bump2version does not fully suit your needs, you could take a look at other tools doing similar or related tasks:

[\[ALTERNATIVES.md\]\(https://github.com/c4urself/bump2version/blob/master/RELATED.md\)](https://github.com/c4urself/bump2version/blob/master/RELATED.md).

Installation

You can download and install the latest version of this software from the Python package index (PyPI) as follows:

```
pip install --upgrade bump2version
```

****NOTE: ``pip install bumpversion`` now installs the latest bump2version!****

Changelog

Please find the changelog here: [\[CHANGELOG.md\]\(CHANGELOG.md\)](#)

Usage

NOTE: Throughout this document you can use ``bumpversion`` or ``bump2version`` interchangeably.

There are two modes of operation: On the command line for single-file operation and using a configuration file (``bumpversion.cfg``) for more complex multi-file operations.

```
bump2version [options] part [file]
```

```
#### `part`  
_**required**_  
</pre>
```

The part of the version to increase, e.g. ``minor``.

Valid values include those given in the ``--serialize`` / ``--parse`` option.

Example bumping 0.5.1 to 0.6.0:

```
bump2version --current-version 0.5.1 minor src/VERSION
```

```
#### `file`  
_**[optional]**_  
**default**: none
```

The file that will be modified.

This file is added to the list of files specified in ``[bumpversion:file:]`` sections from the configuration file. If you want to rewrite only files specified on the command line, use ``--no-configured-files``.

Example bumping 1.1.9 to 2.0.0:

```
bump2version --current-version 1.1.9 major setup.py
```

Configuration file

All options can optionally be specified in a config file called ``.bumpversion.cfg`` so that once you know how ``bump2version`` needs to be configured for one particular software package, you can run it without specifying options later. You should add that file to VCS so others can also bump versions.

Options on the command line take precedence over those from the config file, which take precedence over those derived from the environment and then from the defaults.

Example ``.bumpversion.cfg``:

```

```.ini
[bumpversion]
current_version = 0.2.9
commit = True
tag = True

[bumpversion:file:setup.py]
```.

```

If no ``.bumpversion.cfg`` exists, ``.bump2version`` will also look into ``.setup.cfg`` for configuration.

Configuration file -- Global configuration

General configuration is grouped in a ``.bumpversion`` section.

```

#### `current_version`
_**required**_<br />
**default**: none

```

The current version of the software package before bumping.

Also available as ``.--current-version`` (e.g. ``.bump2version --current-version 0.5.1 patch setup.py``)

```

#### `new_version`
_**[optional]**_<br />
**default**: none

```

The version of the software package after the increment. If not given will be automatically determined.

Also available as ``.--new-version`` (e.g. ``.to go from 0.5.1 directly to 0.6.1``: ``.bump2version --current-version 0.5.1 --new-version 0.6.1 patch setup.py``).

```

#### `tag = (True | False)`
_**[optional]**_<br />
**default**: False (Don't create a tag)

```

Whether to create a tag, that is the new version, prefixed with the character ``.v``. If you are using git, don't forget to ``.git-push`` with the ``.--tags`` flag.

Also available on the command line as ``.--tag | --no-tag``.

```

#### `sign_tags = (True | False)`
_**[optional]**_<br />
**default**: False (Don't sign tags)

```

Whether to sign tags.

Also available on the command line as ``(--sign-tags | --no-sign-tags)``.

```
#### `tag_name` =`  
_**[optional]**_<br />  
**default:** `v{new_version}`
```

The name of the tag that will be created. Only valid when using ``--tag` / `tag = True``.

This is templated using the [Python Format String Syntax](https://docs.python.org/3/library/string.html#format-string-syntax).

Available in the template context are ``current_version`` and ``new_version`` as well as ``current_[part]`` and ``new_[part]`` (e.g. ``current_major`` or ``new_patch``).

In addition, all environment variables are exposed, prefixed with ``$``.

You can also use the variables ``now`` or ``utcnow`` to get a current timestamp. Both accept datetime formatting (when used like as in ``{now:%d.%m.%Y}``).

Also available as command-line flag ``tag-name``. Example usage:

```
`bump2version --tag-name 'release-{new_version}' patch`
```

In addition, it is also possible to provide a tag message by using ``--tag-message TAG_MESSAGE``. Example usage:

```
`bump2version --tag-name 'release-{new_version}' --tag-message "Release {new_version}" patch`
```

* If neither tag message or sign tag is provided, ``bumpversion`` uses a ``lightweight`` tag in Git. Otherwise, it utilizes an ``annotated`` Git tag. You can read more about Git tagging [here](https://git-scm.com/book/en/v2/Git-Basics-Tagging).

```
#### `commit` = (True | False)`  
_**[optional]**_<br />  
**default:** False (Don't create a commit)
```

Whether to create a commit using git or Mercurial.

Also available as ``(--commit | --no-commit)``.

In many projects it is common to have a pre-commit hook that runs prior to a commit and in case of failure aborts the commit. For some use cases it might be desired that when bumping a version and having ``commit = True``, the pre-commit hook should perform slightly different actions than in regular commits. For example run an extended set of checks only for actual releases of the software. To allow the pre-commit hooks to distinguish a bumpversion commit, the ``BUMPVERSION_CURRENT_VERSION`` and ``BUMPVERSION_NEW_VERSION`` environment variables are set when executing the commit command.

```
#### `message` =`
```



```
_**[optional]**_<br />
**default:** `Bump version: {current_version} {new_version}`
```

The commit message to use when creating a commit. Only valid when using `--commit` / `commit = True`.

This is templated using the [Python Format String Syntax](https://docs.python.org/3/library/string.html#format-string-syntax).

Available in the template context are `current_version` and `new_version` as well as `current_[part]` and `new_[part]` (e.g. `current_major` or `new_patch`).

In addition, all environment variables are exposed, prefixed with `\$`.

You can also use the variables `now` or `utcnow` to get a current timestamp. Both accept datetime formatting (when used like as in `{now:%d.%m.%Y}`).

Also available as command-line flag `--message`. Example usage:

```
`bump2version --message '[[now:%Y-%m-%d]] Jenkins Build {$BUILD_NUMBER}: {new_version}' patch`
```

```
#### `commit_args` =`
_**[optional]**_<br />
**default:** empty
```

Extra arguments to pass to commit command. Only valid when using `--commit` / `commit = True`.

This is for example useful to add `-s` to generate `Signed-off-by:` line in the commit message.

Multiple arguments can be specified on separate lines.

Also available as command-line flag `--commit-args`, in which case only one argument can be specified.

```
### Configuration file -- Part specific configuration
```

A version string consists of one or more parts, e.g. the version `1.0.2` has three parts, separated by a dot (`.`) character. In the default configuration these parts are named `major`, `minor`, `patch`, however you can customize that using the `parse`/`serialize` option.

By default all parts are considered numeric, that is their initial value is `0` and they are increased as integers. Also, the value `0` is considered to be optional if it's not needed for serialization, i.e. the version `1.4.0` is equal to `1.4` if `{major}.{minor}` is given as a `serialize` value.

For advanced versioning schemes, non-numeric parts may be desirable (e.g. to identify [alpha or beta versions](http://en.wikipedia.org/wiki/Software_release_life_cycle#Stages_of_development) to indicate the stage of development, the flavor of the software package or

a release name). To do so, you can use a `[bumpversion:part:]` section containing the part's name (e.g. a part named `release_name` is configured in a section called `[bumpversion:part:release_name]`).

The following options are valid inside a part configuration:

```
#### `values` =`  
**default** : numeric (i.e. `0`, `1`, `2`, )
```

Explicit list of all values that will be iterated when bumping that specific part.

Example:

```
``ini  
[bumpversion:part:release_name]  
values =  
witty-warthog  
ridiculous-rat  
marvelous-mantis  
``
```

```
#### `optional_value` =`  
**default** : The first entry in `values` =`.
```

If the value of the part matches this value it is considered optional, i.e. its representation in a `--serialize` possibility is not required.

Example:

```
``ini  
[bumpversion]  
current_version = 1.alpha  
parse = (?P<num>\d+)\.(?P<release>.*))?  
serialize =  
{num}.{release}  
{num}  
  
[bumpversion:part:release]  
optional_value = gamma  
values =  
alpha  
beta  
gamma  
``
```

Here, `bump2version release` would bump `1.alpha` to `1.beta`. Executing `bump2version release` again would bump `1.beta` to `1`, because

`release` being `gamma` is configured optional.

```
#### `first_value` =`  
**default** : The first entry in `values` =`.
```

When the part is reset, the value will be set to the value specified here.

```
### Configuration file -- File specific configuration
```

This configuration is in the section: `[bumpversion:file:]` or `[bumpversion:glob:]`

Both, `file:` and `glob:` are configured the same. Their difference is that file will match file names directly like `requirements.txt`. While glob also matches multiple files via wildcards like `**/pom.xml`.

Note: The configuration file format requires each section header to be unique. If you want to process a certain file multiple times, you may append a description between parens to the `file` keyword: `[bumpversion:file (special one):]`.

```
#### `parse` =`  
**default** `(?P<major>\d+)\.(?P<minor>\d+)\.(?P<patch>\d+)`
```

Regular expression (using [Python regular expression syntax](https://docs.python.org/3/library/re.html#regular-expression-syntax)) on how to find and parse the version string.

Is required to parse all strings produced by `serialize` =`. Named matching groups ("(?P<name>...)" provide values to as the `part` argument.

Also available as `--parse`

```
#### `serialize` =`  
**default** `{major}.{minor}.{patch}`
```

Template specifying how to serialize the version parts back to a version string.

This is templated using the [Python Format String Syntax](https://docs.python.org/3/library/string.html#format-string-syntax).

Available in the template context are parsed values of the named groups specified in `parse` =` as well as all environment variables (prefixed with `\$`).

Can be specified multiple times, bumpversion will try the serialization formats beginning with the first and choose the last one where all values can be represented like this:

```
```ini
serialize =
 {major}.{minor}
 {major}
```
```

Given the example above, the new version `1.9` will be serialized as `1.9`, but the version `2.0` will be serialized as `2`.

Also available as `--serialize`. Multiple values on the command line are given like `--serialize {major}.{minor} --serialize {major}`

```
#### `search =`
**default:** `{current_version}`
```

Template string how to search for the string to be replaced in the file. Useful if the remotest possibility exists that the current version number might be present multiple times in the file and you mean to only bump one of the occurrences. Can be multiple lines, templated using [Python Format String Syntax](<https://docs.python.org/3/library/string.html#format-string-syntax>)

```
#### `replace =`
**default:** `{new_version}`
```

Template to create the string that will replace the current version number in the file.

Given this `requirements.txt`:

```
Django>=1.5.6,<1.6
MyProject==1.5.6
```

using this `.bumpversion.cfg` will ensure only the line containing `MyProject` will be changed:

```
```ini
[bumpversion]
current_version = 1.5.6

[bumpversion:file:requirements.txt]
search = MyProject=={current_version}
replace = MyProject=={new_version}
```
```

Can be multiple lines, templated using [Python Format String Syntax](<https://docs.python.org/3/library/string.html#format-string-syntax>).

```
## Command-line Options
```

Most of the configuration values above can also be given as an option on the command-line. Additionally, the following options are available:

`--dry-run, -n``

Don't touch any files, just pretend. Best used with `--verbose``.

`--allow-dirty``

Normally, bumpversion will abort if the working directory is dirty to protect yourself from releasing unversioned files and/or overwriting unsaved changes. Use this option to override this check.

`--no-configured-files``

Will not update/check files specified in the bumpversion.cfg. Similar to dry-run, but will also avoid checking the files. Also useful when you want to update just one file with e.g.,
`bump2version --no-configured-files major my-file.txt``

`--verbose``

Print useful information to stderr

`--list``

List machine readable information to stdout for consumption by other programs.

Example output:

```
current_version=0.0.18
new_version=0.0.19
```

`-h, --help``

Print help and exit

Using bumpversion in a script

If you need to use the version generated by bumpversion in a script you can make use of the `--list`` option, combined with `grep`` and `sed``.

Say for example that you are using git-flow to manage your project and want to automatically create a release. When you issue `git flow release start`` you already need to know the new version, before applying the change.

The standard way to get it in a bash script is

```
bump2version --dry-run --list <part> | grep <field name> | sed -r s,"^.*=",,
```

where `part`` is as usual the part of the version number you are updating. You need to specify `--dry-run`` to avoid bumpversion actually bumping the version number.

For example, if you are updating the minor number and looking for the new version number this becomes

```
bump2version --dry-run --list minor | grep new_version | sed -r s,"^.*=",,
```

Using bumpversion to maintain a go.mod file within a Go project

In a module-aware Go project, when you create a major version of your module beyond v1, your module name will need

to include the major version # (e.g. `github.com/myorg/myproject/v2`).

You can use bump2version to maintain the major version # within the go.mod file by using the `parse` and `serialize`

options, as in this example:

- Example `.bumpversion.cfg` file:

```
...  
[bumpversion]  
current_version = 2.0.0  
commit = True  
  
[bumpversion:file:go.mod]  
parse = (?P<major>\d+)  
serialize = {major}  
search = module github.com/myorg/myproject/v{current_version}  
replace = module github.com/myorg/myproject/v{new_version}  
...
```

- Example `go.mod` file:

```
...  
module github.com/myorg/myproject/v2  
  
go 1.12  
  
require (  
    ...  
)  
...
```

Then run this command to create version 3.0.0 of your project:

```
...  
bump2version --new-version 3.0.0 major  
...
```

Your `go.mod` file now contains this module directive:

...

```
module github.com/myorg/myproject/v3
```

...

Development & Contributing

Thank you contributors! You can find a full list here: <https://github.com/c4urself/bump2version/graphs/contributors>

See also our CONTRIBUTING.md

Development of this happens on GitHub, patches including tests, documentation are very welcome, as well as bug reports! Also please open an issue if this tool does not support every aspect of bumping versions in your development workflow, as it is intended to be very versatile.

License

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Found in path(s):

```
* /opt/cola/permits/1172491906_1623319841.55/0/c4urself-bump2version-v1-0-1-0-g14fa603-tar-gz/c4urself-bump2version-e57a1f3/README.md
```

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Found in path(s):

```
* /opt/cola/permits/1172491906_1623319841.55/0/c4urself-bump2version-v1-0-1-0-g14fa603-tar-gz/c4urself-bump2version-e57a1f3/LICENSE.rst
```

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****unreleased****

****v1.0.1****

****v1.0.1****

- Added: enable special characters in search/replace, thanks @mckelvin
- Added: allow globbing a pattern to match multiple files, thanks @balrok
- Added: way to only bump a specified file via --no-configured-files, thanks @balrok
- Fixed: dry-run now correctly outputs, thanks @fmigneault
- Housekeeping: documentation for lightweight tags improved, thanks @GreatBahram
- Housekeeping: added related tools document, thanks @florisla
- Fixed: no more falling back to default search, thanks @florisla

****v1.0.0****

- Fix the spurious newline that bump2version adds when writing to bumpversion.cfg, thanks @kyluca #58
- Add Python3.8 support, thanks @florisla
- Drop Python2 support, thanks @hugovk
- Allow additional arguments to the commit call, thanks @lubomir
- Various documentation improvements, thanks @lubomir @florisla @padamstx @glotis
- Housekeeping, move changelog into own file

****v0.5.11****

- Housekeeping, also publish an sdist
- Housekeeping, fix appveyor builds
- Housekeeping, `make lint` now lints with pylint
- Drop support for Python3.4, thanks @hugovk #79
- Enhance missing VCS command detection (errno 13), thanks @lowell80 #75
- Add environment variables for other scripts to use, thanks @mauvilsa #70
- Refactor, cli.main is now much more readable, thanks @florisla #68
- Fix, retain file newlines for Windows, thanks @hesstobi #59
- Add support (tests) for Python3.7, thanks @florisla #49
- Allow any part to be configured in configurable strings such as tag_name etc., thanks @florisla #41

****v0.5.10****

- Housekeeping, use twine

****v0.5.9****

- Fixed windows appveyor-based testing, thanks: @jeremycarroll #33 and #34
- Fixed interpolating correctly when using setup.cfg for config, thanks: @SethMMorton #32
- Improve tox/travis testing, thanks: @ekohl #27
- Fixed markdown formatting in setup.py for pypi.org documentation, thanks: @florisla, @Mattwmaster58 #26

****v0.5.8****

- Updated the readme to markdown for easier maintainability
- Fixed travis testing, thanks: @sharksforarms #15
- Added support for newlines, thanks: @sharksforarms #14
- Fixed an issue with a TypeError on Windows, thanks: @loregordon #12
- Standardised the python versions, thanks: @ekohl #8
- Fixed testing for pypy, #7

****v0.5.7****

- Added support for signing tags (git tag -s)
thanks: @Californian [#6](https://github.com/c4urself/bump2version/pull/6)

****v0.5.6****

- Added compatibility with `bumpversion` by making script install as `bumpversion` as well
thanks: @the-allanc [#2](https://github.com/c4urself/bump2version/pull/2)

****v0.5.5****

- Added support for annotated tags
thanks: @ekohl @gvangool [#58](https://github.com/peritus/bumpversion/pull/58)

****v0.5.4****

- Renamed to bump2version to ensure no conflicts with original package

****v0.5.3****

- Fix bug where `--new-version` value was not used when config was present
(thanks @cscetbon @ecordell [#60](https://github.com/peritus/bumpversion/pull/60))
- Preserve case of keys config file
(thanks theskumar [#75](https://github.com/peritus/bumpversion/pull/75))
- Windows CRLF improvements (thanks @thebjorn)

****v0.5.1****

- Document file specific options `search =` and `replace =` (introduced in 0.5.0)
- Fix parsing individual labels from `serialize =` config even if there are characters after the last label (thanks @mskrajnowski [#56](https://github.com/peritus/bumpversion/pull/56))
- Fix: Don't crash in git repositories that have tags that contain hyphens
[#51](https://github.com/peritus/bumpversion/pull/51) and [#52](https://github.com/peritus/bumpversion/pull/52)
- Fix: Log actual content of the config file, not what ConfigParser prints after reading it.
- Fix: Support multiline values in `search =`
- also load configuration from `setup.cfg`, thanks @t-8ch [#57](https://github.com/peritus/bumpversion/pull/57)

****v0.5.0****

This is a major one, containing two larger features, that require some changes in the configuration format. This release is fully backwards compatible to `*v0.4.1*`, however deprecates two uses that will be removed in a future version.

- New feature: `Part specific configuration`
- New feature: `File specific configuration`
- New feature: parse option can now span multiple line (allows to comment complex regular expressions. See `re.VERBOSE` in the [Python documentation](<https://docs.python.org/library/re.html#re.VERBOSE>) for details, also see [this testcase](<https://github.com/peritus/bumpversion/blob/165e5d8bd308e9b7a1a6d17dba8aec9603f2d063/tests.py#L1202-L1211>) as an example.
- New feature: `--allow-dirty` [#42](<https://github.com/peritus/bumpversion/pull/42>)
- Fix: Save the files in binary mode to avoid mutating newlines (thanks @jaraco [#45](<https://github.com/peritus/bumpversion/pull/45>))
- License: bumpversion is now licensed under the MIT License [#47](<https://github.com/peritus/bumpversion/issues/47>)
- Deprecate multiple files on the command line (use a `configuration file` instead, or invoke `bumpversion` multiple times)
- Deprecate 'files =' configuration (use `file specific configuration` instead)

`**v0.4.1**`

- Add `--list` option [#39](<https://github.com/peritus/bumpversion/issues/39>)
- Use temporary files for handing over commit/tag messages to git/hg [#36](<https://github.com/peritus/bumpversion/issues/36>)
- Fix: don't encode stdout as utf-8 on py3 [#40](<https://github.com/peritus/bumpversion/issues/40>)
- Fix: logging of content of config file was wrong

`**v0.4.0**`

- Add `--verbose` option [#21](<https://github.com/peritus/bumpversion/issues/21>) [#30](<https://github.com/peritus/bumpversion/issues/30>)
- Allow option `--serialize` multiple times

`**v0.3.8**`

- Fix: `--parse/--serialize` didn't work from cfg [#34](<https://github.com/peritus/bumpversion/issues/34>)

`**v0.3.7**`

- Don't fail if git or hg is not installed (thanks @keimlink)
- "files" option is now optional [#16](<https://github.com/peritus/bumpversion/issues/16>)
- Fix bug related to dirty work dir [#28](<https://github.com/peritus/bumpversion/issues/28>)

`**v0.3.6**`

- Fix `--tag` default (thanks @keimlink)

****v0.3.5****

- add {now} and {utcnow} to context
- use correct file encoding writing to config file. NOTE: If you are using Python2 and want to use UTF-8 encoded characters in your config file, you need to update ConfigParser like using 'pip install -U configparser'
- leave `current_version` in config even if available from vcs tags (was confusing)
- print own version number in usage
- allow bumping parts that contain non-numeric
- various fixes regarding file encoding

****v0.3.4****

- bugfix: tag_name and message in .bumpversion.cfg didn't have an effect [#9](<https://github.com/peritus/bumpversion/issues/9>)

****v0.3.3****

- add --tag-name option
- now works on Python 3.2, 3.3 and PyPy

****v0.3.2****

- bugfix: Read only tags from `git describe` that look like versions

****v0.3.1****

- bugfix: `--help` in git workdir raising AssertionError
- bugfix: fail earlier if one of files does not exist
- bugfix: `commit = True` / `tag = True` in .bumpversion.cfg had no effect

****v0.3.0****

- ****BREAKING CHANGE**** The `--bump` argument was removed, this is now the first positional argument.
If you used `bumpversion --bump major` before, you can use `bumpversion major` now.
If you used `bumpversion` without arguments before, you now need to specify the part (previous default was `patch`) as in `bumpversion patch`).

****v0.2.2****

- add --no-commit, --no-tag

****v0.2.1****

- If available, use git to learn about current version

****v0.2.0****

- Mercurial support

****v0.1.1****

- Only create a tag when it's requested (thanks @gvangool)

****v0.1.0****

- Initial public version

Found in path(s):

* /opt/cola/permits/1172491906_1623319841.55/0/c4urself-bump2version-v1-0-1-0-g14fa603-tar-gz/c4urself-bump2version-e57a1f3/CHANGELOG.md

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1.37 musl 1.2.2-r3

1.37.1 Available under license :

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1.38 keyutils 1.6.3-r0

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```

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```
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```

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1.39 nettle 3.7.2-r0

1.39.1 Available under license :

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1.40 dominate 2.6.0

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1.41 libtirpc 1.3.1-r0

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1.42 flask-login 0.5.0

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1.43 parameterized 0.8.1

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1.44 flask-sqlalchemy 2.5.1

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```
.. _models:
```

```
.. currentmodule:: flask_sqlalchemy
```

Declaring Models

=====

Generally Flask-SQLAlchemy behaves like a properly configured declarative base from the `:mod:`~sqlalchemy.ext.declarative`` extension. As such we recommend reading the SQLAlchemy docs for a full reference. However the most common use cases are also documented here.

Things to keep in mind:

- The baseclass for all your models is called `db.Model`. It's stored on the SQLAlchemy instance you have to create. See [:ref:`quickstart`](#) for more details.
- Some parts that are required in SQLAlchemy are optional in Flask-SQLAlchemy. For instance the table name is automatically set for you unless overridden. It's derived from the class name converted to lowercase and with "CamelCase" converted to "camel_case". To override the table name, set the `__tablename__` class attribute.

Simple Example

A very simple example::

```
class User(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    username = db.Column(db.String(80), unique=True, nullable=False)
    email = db.Column(db.String(120), unique=True, nullable=False)

    def __repr__(self):
        return '<User %r>' % self.username
```

Use `:class:`~sqlalchemy.schema.Column`` to define a column. The name of the column is the name you assign it to. If you want to use a different name in the table you can provide an optional first argument which is a string with the desired column name. Primary keys are marked with ```primary_key=True```. Multiple keys can be marked as primary keys in which case they become a compound primary key.

The types of the column are the first argument to `:class:`~sqlalchemy.schema.Column``. You can either provide them directly or call them to further specify them (like providing a length). The following types are the most common:

```
=====
=====
:class:`~sqlalchemy.types.Integer`          an integer
:class:`String(size) <sqlalchemy.types.String>` a string with a maximum length
                                                (optional in some databases, e.g.
                                                PostgreSQL)
:class:`~sqlalchemy.types.Text`             some longer unicode text
:class:`~sqlalchemy.types.DateTime`         date and time expressed as Python
                                                :class:`~datetime.datetime` object.
:class:`~sqlalchemy.types.Float`           stores floating point values
:class:`~sqlalchemy.types.Boolean`         stores a boolean value
:class:`~sqlalchemy.types.PickleType`      stores a pickled Python object
:class:`~sqlalchemy.types.LargeBinary`     stores large arbitrary binary data
=====
=====
```

One-to-Many Relationships

The most common relationships are one-to-many relationships. Because relationships are declared before they are established you can use strings to refer to classes that are not created yet (for instance if ```Person``` defines a relationship to ```Address``` which is declared later in the file).

Relationships are expressed with the `:func:`~sqlalchemy.orm.relationship`` function. However the foreign key has to be separately declared with the `:class:`~sqlalchemy.schema.ForeignKey`` class::

```
class Person(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(50), nullable=False)
    addresses = db.relationship('Address', backref='person', lazy=True)
```

```
class Address(db.Model):
    id = db.Column(db.Integer, primary_key=True)
```

```
email = db.Column(db.String(120), nullable=False)
person_id = db.Column(db.Integer, db.ForeignKey('person.id'),
    nullable=False)
```

What does `:func:`db.relationship() <sqlalchemy.orm.relationship>`` do?

That function returns a new property that can do multiple things.

In this case we told it to point to the `Address` class and load multiple of those. How does it know that this will return more than one address? Because SQLAlchemy guesses a useful default from your declaration. If you would want to have a one-to-one relationship you can pass `uselist=False` to `:func:`~sqlalchemy.orm.relationship``.

Since a person with no name or an email address with no address associated makes no sense, `nullable=False` tells SQLAlchemy to create the column as `NOT NULL`. This is implied for primary key columns, but it's a good idea to specify it for all other columns to make it clear to other people working on your code that you did actually want a nullable column and did not just forget to add it.

So what do `backref` and `lazy` mean? `backref` is a simple way to also declare a new property on the `Address` class. You can then also use `my_address.person` to get to the person at that address. `lazy` defines when SQLAlchemy will load the data from the database:

- `'select' / True` (which is the default, but explicit is better than implicit) means that SQLAlchemy will load the data as necessary in one go using a standard select statement.
- `'joined' / False` tells SQLAlchemy to load the relationship in the same query as the parent using a `JOIN` statement.
- `'subquery'` works like `'joined'` but instead SQLAlchemy will use a subquery.
- `'dynamic'` is special and can be useful if you have many items and always want to apply additional SQL filters to them. Instead of loading the items SQLAlchemy will return another query object which you can further refine before loading the items. Note that this cannot be turned into a different loading strategy when querying so it's often a good idea to avoid using this in favor of `lazy=True`. A query object equivalent to a dynamic `user.addresses` relationship can be created using `:meth:`Address.query.with_parent(user) <sqlalchemy.orm.query.Query.with_parent>`` while still being able to use lazy or eager loading on the relationship itself as necessary.

How do you define the lazy status for backrefs? By using the `:func:`~sqlalchemy.orm.backref`` function::

```
class Person(db.Model):
    id = db.Column(db.Integer, primary_key=True)
```

```
name = db.Column(db.String(50), nullable=False)
addresses = db.relationship('Address', lazy='select',
    backref=db.backref('person', lazy='joined'))
```

Many-to-Many Relationships

If you want to use many-to-many relationships you will need to define a helper table that is used for the relationship. For this helper table it is strongly recommended to **not** use a model but an actual table::

```
tags = db.Table('tags',
    db.Column('tag_id', db.Integer, db.ForeignKey('tag.id'), primary_key=True),
    db.Column('page_id', db.Integer, db.ForeignKey('page.id'), primary_key=True)
)
```

```
class Page(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    tags = db.relationship('Tag', secondary=tags, lazy='subquery',
        backref=db.backref('pages', lazy=True))
```

```
class Tag(db.Model):
    id = db.Column(db.Integer, primary_key=True)
```

Here we configured ``Page.tags`` to be loaded immediately after loading a Page, but using a separate query. This always results in two queries when retrieving a Page, but when querying for multiple pages you will not get additional queries.

The list of pages for a tag on the other hand is something that's rarely needed. For example, you won't need that list when retrieving the tags for a specific page. Therefore, the backref is set to be lazy-loaded so that accessing it for the first time will trigger a query to get the list of pages for that tag. If you need to apply further query options on that list, you could either switch to the ``dynamic`` strategy - with the drawbacks mentioned above - or get a query object using

```
:meth:`Page.query.with_parent(some_tag) <sqlalchemy.orm.query.Query.with_parent>
```

and then use it exactly as you would with the query object from a dynamic relationship.

Found in path(s):

```
* /opt/cola/permits/1160879740_1620413007.96/0/pallets-flask-sqlalchemy-2-5-1-0-gda0e0df-tar-gz/pallets-flask-sqlalchemy-da0e0df/docs/models.rst
```

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```
* /opt/cola/permits/1160879740_1620413007.96/0/pallets-flask-sqlalchemy-2-5-1-0-gda0e0df-tar-gz/pallets-flask-sqlalchemy-da0e0df/examples/flaskr/LICENSE.rst
```

```
* /opt/cola/permits/1160879740_1620413007.96/0/pallets-flask-sqlalchemy-2-5-1-0-gda0e0df-tar-gz/pallets-flask-sqlalchemy-da0e0df/LICENSE.rst
```

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```
import io
```

```
import re
```

```
from setuptools import setup
```

```
with io.open("README.rst", "rt", encoding="utf8") as f:
```

```
    readme = f.read()
```

```
with io.open("flask_sqlalchemy/__init__.py", "rt", encoding="utf8") as f:
```

```
    version = re.search(r'__version__ = "(.*?)"', f.read(), re.M).group(1)
```

```
setup(
```

```
    name="Flask-SQLAlchemy",
```

```
    version=version,
```

```

url="https://github.com/pallets/flask-sqlalchemy",
project_urls={
    "Documentation": "https://flask-sqlalchemy.palletsprojects.com/",
    "Code": "https://github.com/pallets/flask-sqlalchemy",
    "Issue tracker": "https://github.com/pallets/flask-sqlalchemy/issues",
},
license="BSD-3-Clause",
author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
maintainer="Pallets",
maintainer_email="contact@palletsprojects.com",
description="Adds SQLAlchemy support to your Flask application.",
long_description=readme,
packages=["flask_sqlalchemy"],
include_package_data=True,
python_requires=">= 2.7, != 3.0.*, != 3.1.*, != 3.2.*, != 3.3.*",
install_requires=["Flask>=0.10", "SQLAlchemy>=0.8.0"],
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Environment :: Web Environment",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.4",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
    "Programming Language :: Python :: Implementation :: CPython",
    "Programming Language :: Python :: Implementation :: PyPy",
    "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
    "Topic :: Software Development :: Libraries :: Python Modules",
],
)

```

Found in path(s):

```

* /opt/cola/permits/1160879740_1620413007.96/0/pallets-flask-sqlalchemy-2-5-1-0-gda0e0df-tar-gz/pallets-flask-sqlalchemy-da0e0df/setup.py

```

1.45 libsodium 1.0

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1.46 zlib 1.2.11 r3

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1.47 bridgeutils 1.7.1

1.47.1 Available under license :

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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1.48 libxml2 2.9.12-r1

1.48.1 Available under license :

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1.49 gnutls 3.7.2

1.49.1 Available under license :

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Version 2.1, February 1999

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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Version 3, 29 June 2007

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##  
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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
|---------|--------------|------|-------|---------------------|

| | | | | |
|----------------|-----------|-----------|------------|---------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7 | 2.6 | 2010 | PSF | yes |

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1.51 flask-debugtoolbar 0.11.0

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1.52 cython 0.29.23

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1.54 ncurses 6.2_p20210109-r0

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1.56 python-dateutil 2.8.2

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1.57 apk-tools 2.12.5-r1

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1.61 python-pip 21.0.1

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|---------|--------------|------|-------|---------------------|
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
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| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0 | 2.6 | 2008 | PSF | yes |
| 3.0.1 | 3.0 | 2009 | PSF | yes |
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|-------|-------|------|-----|-----|
| 3.1.1 | 3.1 | 2009 | PSF | yes |
| 3.1.2 | 3.1.1 | 2010 | PSF | yes |
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| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2 | 3.1 | 2011 | PSF | yes |
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes

the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7 | 2.6 | 2010 | PSF | yes |

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| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
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| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
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| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
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| 2.6.1 | 2.6 | 2008 | PSF | yes |
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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$
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1.62 watch-dog 2.1.3

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1.63 e2fsprogs 1.46.2-r0

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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```
#  
# This is a Makefile stub which handles the creation of BSD shared  
# libraries.  
#  
# In order to use this stub, the following makefile variables must be defined.  
#  
# BSDLIB_VERSION = 1.0  
# BSDLIB_IMAGE = libce  
# BSDLIB_MYDIR = et  
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)  
#
```

all:: image

```
real-subdirs:: Makefile  
@echo " MKDIR pic"  
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)  
BSDLIB_PIC_FLAG = -fpic
```

image: \$(BSD_LIB)

```
$(BSD_LIB): $(OBJS)  
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))  
$(MV) pic/$(BSD_LIB) .  
$(RM) -f ../$(BSD_LIB)  
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \  
`echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)  
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"  
@$(INSTALL_PROGRAM) $(BSD_LIB) \  
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)  
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip:: install-shlibs

```
uninstall-shlibs uninstall::  
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::  
$(RM) -rf pic  
$(RM) -f $(BSD_LIB)  
$(RM) -f ../$(BSD_LIB)
```

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes

-

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Theodore Ts'o
23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the `ss` command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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Gadi Oxman, August 1995

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```
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```

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```
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```

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```
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```

```
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Ty Coon, President of Vice
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1.64 nghttp2 1.43.0-r0

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1.65 make 4.3-r0

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Version 3, 29 June 2007

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1.66 brotli 1.0.9-r3

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1.67 packaging 20.9

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1.68 python-certifi 2021.5.30

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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1.69 alpine-keys 2.3-r1

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1.70 pyrsistent 0.18.0

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1.71 python-babel 2.9.1

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1.72 apipkg 1.5

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1.73 perl 5.32.1-r0

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1.75 gitpython 3.1.18

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1.76 pax-utils 1.2.8-r0

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1.77 Ixml 4.6.3

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1.78 jsonschema 3.2.0

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1.79 python-setuptools 54.1.2

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1.80 tre 0.8.0

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1.81 libnsl 1.3.0-r0

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1.82 krb5-conf 1.0-r2

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cmd/krb5/ipropl/ipropl.x
cmd/krb5/ipropl/ipropl_hdr.h
cmd/krb5/kadmin/server/ipropl_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech_gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech_spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
```

lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c

lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
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lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c

lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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1.86 libcap 2.50-r0

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1.89 pluggy 0.13.1

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1.90 flask-migrate 3.0.1

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1.91 pcre 8.44-r0

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THE BASIC LIBRARY FUNCTIONS

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1.92 pytest 6.2.4

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1.93 smmap 4.0.0

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1.94 glib 2.68.2-r0

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Version 2.1, February 1999

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1. Seti UI - A subtle dark colored UI theme for Atom. (<https://github.com/jesseweed/seti-ui>)

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1.100 paramiko 2.7.2

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1.101 libpcap 1.10.0-r0

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1.102 p11-kit 0.23.22-r0

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1.103 asyncio 3.4.3

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1.109 libgpg-error 1.41-r0

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@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

@item

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

@end enumerate

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

@smallexample

Gnomovision version 69, Copyright (C) @var{year} @var{name of author}

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it

under certain conditions; type `show c' for details.

@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than @samp{show w} and @samp{show c}; they could even be mouse-clicks or menu items---whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

@example

Yoyodyne, Inc., hereby disclaims all copyright interest in the program

`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

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The gettext-runtime package is partially under the LGPL and partially under the GPL.

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- the libintl and libasprintf libraries and their header files,
- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

The following parts are under the GPL, see file COPYING in the toplevel

directory:

- the `_programs_` `gettext`, `ngettext`, `envsubst`,
- the documentation.

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Version 2.1, February 1999

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes

a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated

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- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.112 pytest-cov 2.12.1

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1.113 libunistring 0.9.10-r1

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SFC64

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/immeme/f1f7821f07cf76504a97f6537c818083>

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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1.115 spdylay 1.4.0

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1.116 pynacl 1.4.0

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1.119 flask-hashing 1.1

1.119.1 Available under license :

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Metadata-Version: 1.1

Name: Flask-Hashing

Version: 1.1

Summary: Easy hashing of data in Flask

Home-page: <https://github.com/ThaWeatherman/flask-hashing>

Author: Sean Beck

Author-email: seanmckaybeck@gmail.com

License: MIT

Description:

Flask-Hashing

This is a Flask extension that provides utility functions for hashing data within a Flask application.

Flask-Bcrypt restricts you to using bcrypt. What if you want to use a different hash function? This extension provides access to other commonly used hash functions such as SHA256.

Links

Platform: any

Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: MIT License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Software Development :: Libraries :: Python Modules

Found in path(s):

```
* /opt/cola/permits/1172491986_1623319874.31/0/flask-hashing-1-1-tar-gz/Flask-Hashing-1.1/Flask_Hashing.egg-info/PKG-INFO
```

```
* /opt/cola/permits/1172491986_1623319874.31/0/flask-hashing-1-1-tar-gz/Flask-Hashing-1.1/PKG-INFO
```

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```
"""
```

Flask-Hashing

```
-----
```

This is a Flask extension that provides utility functions for hashing data within a Flask application.

Flask-Bcrypt restricts you to using bcrypt. What if you want to use a different hash function? This extension provides access to other commonly used hash functions such as SHA256.

Links

```
-----
```

```
"""
```

```
from setuptools import setup
```

```
setup(  
    name='Flask-Hashing',  
    version='1.1',  
    url='https://github.com/ThaWeatherman/flask-hashing',  
    license='MIT',  
    author='Sean Beck',  
    author_email='seanmckaybeck@gmail.com',  
    description='Easy hashing of data in Flask',  
    long_description=__doc__,  
    py_modules=['flask_hashing'],  
    zip_safe=False,  
    include_package_data=True,  
    platforms='any',  
    install_requires=[  
        'Flask'
```

```

],
classifiers=[
    'Environment :: Web Environment',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: MIT License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Topic :: Internet :: WWW/HTTP :: Dynamic Content',
    'Topic :: Software Development :: Libraries :: Python Modules'
],
test_suite='test_hashing'
)

```

Found in path(s):

```
* /opt/cola/permits/1172491986_1623319874.31/0/flask-hashing-1-1-tar-gz/Flask-Hashing-1.1/setup.py
```

1.120 scp 0.13.4

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1.121 gitdb 4.0.7

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1.122 libtls-standalone 2.9.1-r1

1.122.1 Available under license :

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1.123 pyaes 1.6.1

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1.124 alpine-baselayout 3.2.0-r8

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1.125 pycparser 2.20

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1.126 flask-session 0.4.0

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1.127 pkgconf 1.7.3-r0

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1.128 lua 5.4.3

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* /opt/cola/permits/1179811527_1626219537.8/0/lua-5.4.3-1.fc35.src.rpm-cosi-expand-archive-RMODCAiS/lua-5.3.5.tar.gz-cosi-expand-archive-IAjMszYf/lua-5.3.5/doc/contents.html
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*/opt/cola/permits/1179811527_1626219537.8/0/lua-5.4.3-1.fc35.src.rpm-cosi-expand-archive-RMODCAiS/lua-5.4.3-tests.tar.gz-cosi-expand-archive-uXLAyYsn/lua-5.4.3-tests/all.lua
```

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```
*/opt/cola/permits/1179811527_1626219537.8/0/lua-5.4.3-1.fc35.src.rpm-cosi-expand-archive-RMODCAiS/lua-5.3.5.tar.gz-cosi-expand-archive-IAjMszYf/lua-5.3.5/src/luah
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1.129 greenlet 1.1.0

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1.130 coverage 5.5

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1.131 python-requests 2.25.1

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1.132 python-pip 21.1.2

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |

| | | | | |
|-------|-------|------|-----|-----|
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7 | 2.6 | 2010 | PSF | yes |

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| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
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| | | | | |
|-------|-------|-----------|-----|-----|
| 2.2 | 2.1.1 | 2001 | PSF | yes |
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| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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1.133 gettext 0.21-r0

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Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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@end enumerate

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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POSSIBILITY OF SUCH DAMAGES.

@end enumerate

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@page

@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

@smallexample

Gnomovision version 69, Copyright (C) @var{year} @var{name of author}
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show
the appropriate parts of the General Public License. Of course, the
commands you use may be called something other than @samp{show w} and
@samp{show c}; they could even be mouse-clicks or menu items---whatever
suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a ``copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example

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- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

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directory:

- the _programs_ gettext, ngettext, envsubst,
- the documentation.

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<signature of Ty Coon>, 1 April 1990
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Version 3, 29 June 2007

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1.135 util-linux 2.36.1-r1

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NR START END SECTORS SIZE NAME UUID

1 32 7679 7648 3.7M 8f8378c0-01
2 7680 16383 8704 4.3M 8f8378c0-02
5 7936 12799 4864 2.4M
6 12544 16127 3584 1.8M

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```

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1.136 wtforms 2.3.3

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```

"""

WTForms

=====

WTForms is a flexible forms validation and rendering library for python web development.

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"""

```

from wtforms import validators, widgets
from wtforms.fields import *
from wtforms.form import Form
from wtforms.validators import ValidationError

```

```
__version__ = '2.3.3'
```

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```

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```
import io
import re
from setuptools import setup

with io.open('README.rst', 'rt', encoding='utf8') as f:
    readme = f.read()

with io.open('wtforms/__init__.py', 'rt', encoding='utf8') as f:
    version = re.search(r'__version__ = \\.*(?)\\', f.read()).group(1)

setup(
    name='WTForms',
    version=version,
    url='https://wtforms.readthedocs.io/',
    project_urls={
        'Documentation': 'https://wtforms.readthedocs.io/',
        'Code': 'https://github.com/wtforms/wtforms',
        'Issue Tracker': 'https://github.com/wtforms/wtforms/issues',
    },
    license='BSD-3-Clause',
    maintainer='WTForms',
    maintainer_email='davidism@gmail.com',
    description=(
        'A flexible forms validation and rendering library for Python'
        ' web development.'
    ),
    long_description=readme,
    classifiers=[
        'Development Status :: 5 - Production/Stable',
        'Environment :: Web Environment',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: 3.7',
        'Programming Language :: Python :: 3.8',
        'Topic :: Internet :: WWW/HTTP :: Dynamic Content',
    ],
)
```

```

    'Topic :: Software Development :: Libraries :: Python Modules',
],
packages=[
    'wtforms',
    'wtforms.csrf',
    'wtforms.fields',
    'wtforms.widgets',
    'wtforms.ext',
    'wtforms.ext.appengine',
    'wtforms.ext.csrf',
    'wtforms.ext.dateutil',
    'wtforms.ext.django',
    'wtforms.ext.django.templatetags',
    'wtforms.ext.i18n',
    'wtforms.ext.sqlalchemy',
],
include_package_data=True,
install_requires=["MarkupSafe"],
extras_require={
    "ipaddress": ['ipaddress;python_version<"3.3"'],
    "email": ["email_validator"],
    "locale": ['Babel>=1.3'],
},
)

```

Found in path(s):

```

* /opt/cola/permits/1160881687_1620412796.59/0/wtforms-wtforms-2-3-3-0-g244c8d6-1-tar-gz/wtforms-wtforms-244c8d6/setup.py

```

1.137 cython 0.29.24

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1.138 tre 1.0

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1.139 flask-httpauth 4.4.0

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1.140 python 3.9.5

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
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@c ispell-local-pdict: "ispell-dict"  
@c End:
```

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```
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1.143 musl 1.2.2-r0

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History

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```

```
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```

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.. _contrib:

```
=====  
click-contrib  
=====
```

As the userbase of Click grows, more and more major feature requests pop up in Click's bugtracker. As reasonable as it may be for those features to be bundled with Click instead of being a standalone project, many of those requested features are either highly experimental or have unproven practical use, while potentially being a burden to maintain.

This is why `click-contrib_` exists. The GitHub organization is a collection of possibly experimental third-party packages whose featureset does not belong into Click, but also a playground for major features that may be added to Click in the future. It is also meant to coordinate and concentrate effort on writing third-party extensions for Click, and to ease the effort of searching for such

extensions. In that sense it could be described as a low-maintenance alternative to extension repositories of other frameworks.

Please note that the quality and stability of those packages may be different than what you expect from Click itself. While published under a common organization, they are still projects separate from Click.

```
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```

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```
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1.149 pyyaml 5.4.1-1.ph4

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1.150 mako 1.1.4

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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, your program's commands
might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,
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=====

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI) in the Netherlands as a successor of a
language called ABC. Guido is Python's principal author, although it
includes many contributions from others. The last version released
from CWI was Python 1.2. In 1995, Guido continued his work on Python
at the Corporation for National Research Initiatives (CNRI) in Reston,
Virginia where he released several versions of the software. Python
1.6 was the last of the versions released by CNRI. In 2000, Guido and
the Python core development team moved to BeOpen.com to form the

BeOpen PythonLabs team. Python 2.0 was the first and only release from BeOpen.com.

Following the release of Python 1.6, and after Guido van Rossum left CNRI to work with commercial software developers, it became clear that the ability to use Python with software available under the GNU Public License (GPL) was very desirable. CNRI and the Free Software Foundation (FSF) interacted to develop enabling wording changes to the Python license. Python 1.6.1 is essentially the same as Python 1.6, with a few minor bug fixes, and with a different license that enables later versions to be GPL-compatible. Python 2.1 is a derivative work of Python 1.6.1, as well as of Python 2.0.

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1.159 robotframework 4.0.3

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1.160 coveragepy 5.5

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.164 pyshark 0.4.3

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```
import os
```

```
from setuptools import setup, find_packages

with open(os.path.join(os.path.dirname(__file__), 'README.txt')) as f:
    long_description = f.read()

setup(
    name="pyshark",
    version="0.4.3",
    packages=find_packages(),
    package_data={"": ['*.ini', '*.pcapng']},
    install_requires=['lxml', 'py'],
    tests_require=['pytest'],
    url="https://github.com/KimiNewt/pyshark",
    long_description=long_description,
    author="KimiNewt",
    description="Python wrapper for tshark, allowing python packet parsing using wireshark dissectors",
    keywords="wireshark capture packets parsing packet",

    classifiers=[
        'License :: OSI Approved :: MIT License',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: 3.7',
        'Programming Language :: Python :: 3.8',
    ],
)
```

Found in path(s):

* /opt/cola/permits/1175627194_1624438954.89/0/pyshark-0-4-3-tar-gz/pyshark-0.4.3/setup.py

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Metadata-Version: 1.1

Name: pyshark

Version: 0.4.3

Summary: Python wrapper for tshark, allowing python packet parsing using wireshark dissectors

Home-page: <https://github.com/KimiNewt/pyshark>

Author: KimiNewt

Author-email: UNKNOWN

License: UNKNOWN

Description: Python wrapper for tshark, allowing python packet parsing using wireshark dissectors.

See <https://github.com/KimiNewt/pyshark/> for documentation.

Keywords: wireshark capture packets parsing packet

Platform: UNKNOWN

Classifier: License :: OSI Approved :: MIT License

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Programming Language :: Python :: 3.7

Classifier: Programming Language :: Python :: 3.8

Found in path(s):

* /opt/cola/permits/1175627194_1624438954.89/0/pyshark-0-4-3-tar-gz/pyshark-0.4.3/PKG-INFO

* /opt/cola/permits/1175627194_1624438954.89/0/pyshark-0-4-3-tar-gz/pyshark-0.4.3/pyshark.egg-info/PKG-INFO

1.165 python-setuptools 49.1.3

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1.166 python-certifi 2021.5.30

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.167 python-setuptools 56.0.0

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1.168 alpine-baselayout 3.2.0-r16

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1.169 sqlite 3.34.1-r0

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# Contributor: Kiyoshi Aman <adelie@aerdan.vulpine.house>
# Maintainer: Adlie Perl Team <adelie-perl@lists.adelielinux.org>
pkgname=perl-regex-pattern-license
_pkgreal=Regexp-Pattern-License
_author=JONASS
_au=${_author%%"${_author#??}"}
_a=${_author%%"${_author#?}"}
pkgver=3.4.0
pkgrel=0
pkgdesc="Perl module for regex-matching legal licenses"
url="https://metacpan.org/pod/Regexp::Pattern::License"
arch="noarch"
license="GPL-3.0+"
depends="perl perl-re-engine-re2 perl-regex-pattern perl-strictures
perl-test-regex-pattern perl-try-tiny"
checkdepends="perl-test-requires"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/${_a}/${_au}/${_pkgreal}-v${pkgver}.tar.gz"
builddir="$srcdir/${_pkgreal}-v${pkgver}"

build() {
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
    make
}

check() {
    make test
}

package() {
```

```

make DESTDIR="$pkgdir" install
find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="5524535f8eebe6cc2ce2065bae1f726b9a2717c34262df2ddd9106464dcfbaeb67eb310679bb636e72866
9f17041e4f101c7fb241a8e07a6cf3dc6fb3ae88e12 Regexp-Pattern-License-v3.4.0.tar.gz"
# Maintainer: Adelle Platform Group <adelle-devel@lists.adelinelinux.org>
pkgname=bsd-compat-headers
pkgver=0.7.1
pkgrel=1
pkgdesc="Compatibility files for building BSD software"
url=" "
arch="noarch"
options="!check" # Just header files.
license="BSD-2-Clause AND BSD-3-Clause"
depends=""
makedepends=""
subpackages=""
source="sys-cdefs.h
sys-queue.h
sys-tree.h
"

package() {
mkdir -p "$pkgdir"
case "$CLIBC" in
musl)
install -D "$srcdir"/sys-cdefs.h "$pkgdir"/usr/include/sys/cdefs.h
install -D "$srcdir"/sys-queue.h "$pkgdir"/usr/include/sys/queue.h
install -D "$srcdir"/sys-tree.h "$pkgdir"/usr/include/sys/tree.h
;;
esac
}

sha512sums="8c3fddd73b696a38e633953715c79c47703739be27ee085fc6c960a57b6746ca05bf6406f7e6126cc1a13
204254fd5830afb566624e1f298f4d6b58216013c28 sys-cdefs.h
2f0d5e6e4dc3350285cf17009265dddcb12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 sys-queue.h
07cb70f2f0ddb31e23dd913c6f561fc9885667c5803fdf3a559676c99d08834b4104589bacb5d17b4a0b379c68c81a1cf
3173832b3da33a7b936fa7b93706844 sys-tree.h"
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Maintainer:

pkgname=libart-1gpl

```
pkgver=2.3.21
pkgrel=6
pkgdesc="Library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0+"
depends=""
makedepends=""
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
builddir="$srcdir"/libart_lgpl-$pkgver
```

```
prepare() {
    default_prepare
    update_config_sub
}
```

```
build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}
```

```
package() {
    make DESTDIR="$pkgdir" install
}
```

```
sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
```

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```
# Contributor: Kiyoshi Aman <adelie@aerdan.vulpine.house>
# Maintainer: Adlie Perl Team <adelie-perl@lists.adielinux.org>
pkgname=perl-software-license
_pkgreal=Software-License
_author=LEONT
_au=${_author%%"${_author#??}"}
_a=${_author%%"${_author#?}"}
pkgver=0.103014
pkgrel=0
pkgdesc="Perl module for generating prefilled license text"
url="https://metacpan.org/pod/Software::License"
arch="noarch"
license="Artistic-1.0-Perl"
depends="perl perl-data-section perl-text-template perl-try-tiny"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/${_a}/${_au}/${_author}/${_pkgreal}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"
```

```
build() {
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
    make
}
```

```
check() {
    make test
}
```

```
package() {
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
```

```

}

sha512sums="8012f9d3e8671bdcba52f6790f6cd2f6a0510883bb40115c222c8c685aed6697ba33b3f9df8d853841cd
2eef0806d919c9038b6ba7b1057f475b3b63457069d Software-License-0.103014.tar.gz"
# Contributor: Kiyoshi Aman <adelie@aerdan.vulpine.house>
# Maintainer: Adlie Perl Team <adelie-perl@lists.adelielinux.org>
pkgname=perl-string-copyright
_pkgreal=String-Copyright
_author=JONASS
_au=${_author%%"${_author#?}" }
_a=${_author%%"${_author#?}" }
pkgver=0.003006
pkgrel=0
pkgdesc="Perl module for normalizing copyright text"
url="https://metacpan.org/pod/String::Copyright"
arch="noarch"
license="GPL-3.0+"
depends="perl perl-exporter-tiny perl-number-range"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/${_a}/${_au}/${_author}/${_pkgreal}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
    make
}

check() {
    make test
}

package() {
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

```

```

sha512sums="7852d96cbe465dde14b4c093f77374b530967412ef95a98703fe838511e405ea9744e4dbfa314bc5a33fc
23b160d8a4866654ad60da1bfb07853263f1c11cd3f String-Copyright-0.003006.tar.gz"

```

1.170 urllib3 1.26.5

1.170.1 Available under license :

```
# Contributions to the urllib3 project
```

```
## Creator & Maintainer
```

* Andrey Petrov <andrey.petrov@shazow.net>

Contributors

In chronological order:

* victor.vde <<http://code.google.com/u/victor.vde/>>

* HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

* NTLM-authenticated HTTPSConnectionPool

* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>

* Client-verified SSL certificates for HTTPSConnectionPool

* Response gzip and deflate encoding support

* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>

* Non-multipart encoding for POST requests

* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>

* Bugfixes, suggestions, Requests integration

* georgemarshall <<https://github.com/georgemarshall>>

* Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>

* Python 3 support

* brandon-rhodes <<http://rhodesmill.org/brandon>>

* Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>

* IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>

* Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>

* Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>

* Support for TLS SNI

- * API unification of ssl_version/cert_reqs
- * SSL fingerprint and alternative hostname verification
- * Bugfixes in testsuite

- * Sune Kirkeby <mig@ibofobi.dk>
- * Optional SNI-support for Python 2 via PyOpenSSL.

- * Marc Schlaich <marc.schlaich@gmail.com>
- * Various bugfixes and test improvements.

- * Bryce Boe <bbzbryce@gmail.com>
- * Correct six.moves conflict
- * Fixed pickle support of some exceptions

- * Boris Figovsky <boris.figovsky@ravellosystems.com>
- * Allowed to skip SSL hostname verification

- * Cory Benfield <<https://lukasa.co.uk/about/>>
- * Stream method for Response objects.
- * Return native strings in header values.
- * Generate 'Host' header when using proxies.

- * Jason Robinson <jaywink@basshero.org>
- * Add missing WrappedSocket.fileno method in PyOpenSSL

- * Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- * Fixed a race condition

- * Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- * Added HTTPS (CONNECT) proxy support

- * Stephen Holsapple <sholsapp@gmail.com>
- * Added abstraction for granular control of request fields

- * Martin von Gagern <Martin.vGagern@gmx.net>
- * Support for non-ASCII header parameters

- * Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- * Support for separate connect and request timeouts

- * Peter Waller <p@pwaller.net>
- * HTTPResponse.tell() for determining amount received over the wire

- * Nipunn Koorapati <nipunn1313@gmail.com>
- * Ignore default ports when comparing hosts for equality

- * Danilo @dbrgn <<https://dbrgn.ch/>>
- * Disabled TLS compression by default on Python 3.2+

- * Disabled TLS compression in pyopenssl contrib module
- * Configurable cipher suites in pyopenssl contrib module

- * Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- * Account retries on proxy errors

- * Nicolas Delaby <nicolas.delaby@ezeep.com>
- * Use the platform-specific CA certificate locations

- * Josh Schneier <https://github.com/jschneier>
- * HTTPHeaderDict and associated tests and docs
- * Bugfixes, docs, test coverage

- * Tahia Khan <http://tahia.tk/>
- * Added Timeout examples in docs

- * Arthur Grunseid <https://grunseid.com>
- * source_address support and tests (with https://github.com/bui)

- * Ian Cordasco <graffatcolmingov@gmail.com>
- * PEP8 Compliance and Linting
- * Add ability to pass socket options to an HTTP Connection

- * Erik Tollerud <erik.tollerud@gmail.com>
- * Support for standard library io module.

- * Krishna Prasad <kprasad.iitd@gmail.com>
- * Google App Engine documentation

- * Aaron Meurer <asmeurer@gmail.com>
- * Added Url.url, which unparses a Url

- * Evgeny Kapun <abacabadabacaba@gmail.com>
- * Bugfixes

- * Benjamin Meyer <bm_witness@yahoo.com>
- * Security Warning Documentation update for proper capture

- * Shivan Sornarajah <github@sornars.com>
- * Support for using ConnectionPool and PoolManager as context managers.

- * Alex Gaynor <alex.gaynor@gmail.com>
- * Updates to the default SSL configuration

- * Tomas Tomecek <ttomecek@redhat.com>
- * Implemented generator for getting chunks from chunked responses.

- * tlynn <https://github.com/tlynn>

- * Respect the warning preferences at import.

- * David D. Riddle <ddriddle@illinois.edu>
 - * IPv6 bugfixes in testsuite

- * Thea Flowers <magicalgirl@google.com>
 - * App Engine environment tests.
 - * Documentation re-write.

- * John Krauss <https://github.com/talos>
 - * Clues to debugging problems with `cryptography` dependency in docs

- * Disassem <https://github.com/Disassem>
 - * Fix pool-default headers not applying for url-encoded requests like GET.

- * James Atherfold <jlatherfold@hotmail.com>
 - * Bugfixes relating to cleanup of connections during errors.

- * Christian Pedersen <https://github.com/chripede>
 - * IPv6 HTTPS proxy bugfix

- * Jordan Moldow <https://github.com/jmoldow>
 - * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
 - * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
 - * Creation of ``HTTPConnectionPool.ResponseCls``.

- * Predrag Gruevski <https://github.com/obi1kenobi>
 - * Made cert digest comparison use a constant-time algorithm.

- * Adam Talsma <https://github.com/a-tal>
 - * Bugfix to ca_cert file paths.

- * Evan Meagher <https://evanmeagher.net>
 - * Bugfix related to `memoryview` usage in PyOpenSSL adapter

- * John Vandenberg <jayvdb@gmail.com>
 - * Python 2.6 fixes; pyflakes and pep8 compliance

- * Andy Caldwell <andy.m.caldwell@googlemail.com>
 - * Bugfix related to reusing connections in indeterminate states.

- * Ville Skytt <ville.skytta@iki.fi>
 - * Logging efficiency improvements, spelling fixes, Travis config.

- * Shige Takeda <smtakeda@gmail.com>
 - * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

- * Jess Shapiro <jesse@jesseshapiro.net>

- * Various character-encoding fixes/tweaks
- * Disabling IPv6 DNS when IPv6 connections not supported

- * David Foster <<http://dafoster.net/>>
- * Ensure order of request and response headers are preserved.

- * Jeremy Cline <jeremy@jcline.org>
- * Added connection pool keys by scheme

- * Aviv Palivoda <palaviv@gmail.com>
- * History list to Retry object.
- * HTTPResponse contains the last Retry object.

- * Nate Prewitt <nate.prewitt@gmail.com>
- * Ensure timeouts are not booleans and greater than zero.
- * Fixed infinite loop in ``stream`` when amt=None.
- * Added length_remaining to determine remaining data to be read.
- * Added enforce_content_length to raise exception when incorrect content-length received.

- * Seth Michael Larson <sethmichaellarson@protonmail.com>
- * Created selectors backport that supports PEP 475.

- * Alexandre Dias <alex.dias@smarkets.com>
- * Don't retry on timeout if method not in whitelist

- * Moinuddin Quadri <moin18@gmail.com>
- * Lazily load idna package

- * Tom White <s6yg1ez3@mail2tor.com>
- * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

- * Tim Burke <tim.burke@gmail.com>
- * Stop buffering entire deflate-encoded responses.

- * Tuukka Mustonen <tuukka.mustonen@gmail.com>
- * Add counter for status_forcelist retries.

- * Erik Rose <erik@mozilla.com>
- * Bugfix to pyopenssl vendoring

- * Wolfgang Richter <wolfgang.richter@gmail.com>
- * Bugfix related to loading full certificate chains with PyOpenSSL backend.

- * Mike Miller <github@mikeage.net>
- * Logging improvements to include the HTTP(S) port when opening a new connection

- * Ioannis Tziakos <mail@itziakos.gr>
- * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.

- * Update appveyor tox setup to use the 64bit python.

- * Akamai (through Jess Shapiro) <jshapiro@akamai.com>
 - * Ongoing maintenance; 2017-2018

- * Dominique Leuenberger <dimstar@opensuse.org>
 - * Minor fixes in the test suite

- * Will Bond <will@wbond.net>
 - * Add Python 2.6 support to ``contrib.securetransport``

- * Aleksei Alekseev <alekseev.yeskela@gmail.com>
 - * using auth info for socks proxy

- * Chris Wilcox <git@crwilcox.com>
 - * Improve contribution guide
 - * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

- * Bruce Merry <https://www.brucemerry.org.za>
 - * Fix leaking exceptions when system calls are interrupted with zero timeout

- * Hugo van Kemenade <https://github.com/hugovk>
 - * Drop support for EOL Python 2.6

- * Tim Bell <https://github.com/timb07>
 - * Bugfix for responses with Content-Type: message/* logging warnings

- * Justin Bramley <https://github.com/jbramleycl>
 - * Add ability to handle multiple Content-Encodings

- * Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
 - * Remove Authorization header regardless of case when redirecting to cross-site

- * James Meickle <https://permadeath.com/>
 - * Improve handling of Retry-After header

- * Chris Jerdonek <chris.jerdonek@gmail.com>
 - * Remove a spurious TypeError from the exception chain inside HTTPConnectionPool._make_request(), also for BaseExceptions.

- * Jorge Lopez Silva <https://github.com/jalopezsilva>
 - * Added support for forwarding requests through HTTPS proxies.

- * Benno Rice <benno@jeamland.net>
 - * Allow cadata parameter to be passed to underlying ``SSLContext.load_verify_locations()``.

- * Keiichi Kobayashi <abok.1k@gmail.com>
 - * Rename VerifiedHTTPSConnection to HTTPSConnection

- * Himanshu Garg <garg_himanshu@outlook.com>
- * DOC & LICENSE Update

- * Hod Bin Noon <bin.noon.hod@gmail.com>
- * Test improvements

- * Chris Olufson <tycarac@gmail.com>
- * Fix for connection not being released on HTTP redirect and response not preloaded

- * [Bastiaan Bakker] <https://github.com/bastiaanb>
- * Support for logging session keys via environment variable ``SSLKEYLOGFILE`` (Python 3.8+)

- * [Ezzeri Esa] <https://github.com/savarin>
- * Ports and extends on types from typedshed

- * [Your name or handle] <[email or website]>
- * [Brief summary of your changes]

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1.171 flask-babel 2.0.0

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1.172 invoke 1.5.0

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1.173 libgpg-error 1.42-r0

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1.175 xmlformatter 0.2.3

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1.176 py 1.10.0

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1.177 python-pip 21.1.1

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related

Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
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| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
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| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |

| | | | | |
|-------|-------|------|-----|-----|
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
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| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0 | 2.6 | 2008 | PSF | yes |
| 3.0.1 | 3.0 | 2009 | PSF | yes |
| 3.1 | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1 | 2009 | PSF | yes |
| 3.1.2 | 3.1 | 2010 | PSF | yes |
| 3.2 | 3.1 | 2010 | PSF | yes |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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Just configure this file as the SSLCertificateFile.#

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1.181 glib 2.66.8-r0

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1.182 alpine-keys 2.2-r0

1.183 flask-testing 0.8.1

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1.184 flask-bootstrap 3.3.7.1

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1.185 idna 3.2

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1.186 libtasn 4.16.0-r1

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```

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```

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```

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=====

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1.187 mccabe 0.6.1

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1.188 flask 2.0.1

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- * Being respectful of differing viewpoints and experiences
- * Gracefully accepting constructive criticism
- * Focusing on what is best for the community
- * Showing empathy towards other community members

Examples of unacceptable behavior by participants include:

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- * Trolling, insulting/derogatory comments, and personal or political attacks
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- * Publishing others' private information, such as a physical or electronic address, without explicit permission
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[homepage]: <https://www.contributor-covenant.org>

For answers to common questions about this code of conduct, see <https://www.contributor-covenant.org/faq>

Found in path(s):

* /opt/cola/permits/1168197544_1621956566.63/0/pallets-flask-2-0-1-0-gbc90801-tar-gz/pallets-flask-d81b7bf/CODE_OF_CONDUCT.md

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```
.. currentmodule:: flask
```

Blog Blueprint

```
=====
```

You'll use the same techniques you learned about when writing the authentication blueprint to write the blog blueprint. The blog should list all posts, allow logged in users to create posts, and allow the author of a post to edit or delete it.

As you implement each view, keep the development server running. As you save your changes, try going to the URL in your browser and testing them out.

The Blueprint

```
-----
```

Define the blueprint and register it in the application factory.

```
.. code-block:: python
:caption: ``flaskr/blog.py``
```

```
from flask import (
    Blueprint, flash, g, redirect, render_template, request, url_for
)
from werkzeug.exceptions import abort
```

```
from flaskr.auth import login_required
from flaskr.db import get_db
```

```
bp = Blueprint('blog', __name__)
```

Import and register the blueprint from the factory using `app.register_blueprint()` `<Flask.register_blueprint>`. Place the new code at the end of the factory function before returning the app.

```
.. code-block:: python
:caption: ``flaskr/__init__.py``
```

```
def create_app():
    app = ...
    # existing code omitted

    from . import blog
    app.register_blueprint(blog.bp)
    app.add_url_rule('/', endpoint='index')
```

```
return app
```

Unlike the auth blueprint, the blog blueprint does not have a `url_prefix`. So the `index` view will be at `/`, the `create` view at `/create`, and so on. The blog is the main feature of Flaskr, so it makes sense that the blog index will be the main index.

However, the endpoint for the `index` view defined below will be `blog.index`. Some of the authentication views referred to a plain `index` endpoint. `app.add_url_rule()` <Flask.add_url_rule> associates the endpoint name `index` with the `/` url so that `url_for('index')` or `url_for('blog.index')` will both work, generating the same URL either way.

In another application you might give the blog blueprint a `url_prefix` and define a separate `index` view in the application factory, similar to the `hello` view. Then the `index` and `blog.index` endpoints and URLs would be different.

Index

The index will show all of the posts, most recent first. A `JOIN` is used so that the author information from the `user` table is available in the result.

```
.. code-block:: python
:caption: flaskr/blog.py
```

```
@bp.route('/')
def index():
    db = get_db()
    posts = db.execute(
        'SELECT p.id, title, body, created, author_id, username'
        ' FROM post p JOIN user u ON p.author_id = u.id'
        ' ORDER BY created DESC'
    ).fetchall()
    return render_template('blog/index.html', posts=posts)
```

```
.. code-block:: html+jinja
:caption: flaskr/templates/blog/index.html
```

```
{% extends 'base.html' %}
```

```
{% block header %}
```

```

<h1>{% block title %}Posts{% endblock %}</h1>
{% if g.user %}
  <a class="action" href="{{ url_for('blog.create') }}">New</a>
{% endif %}
{% endblock %}

{% block content %}
{% for post in posts %}
  <article class="post">
    <header>
      <div>
        <h1>{{ post['title'] }}</h1>
        <div class="about">by {{ post['username'] }} on {{ post['created'].strftime('%Y-%m-%d') }}</div>
      </div>
      {% if g.user['id'] == post['author_id'] %}
        <a class="action" href="{{ url_for('blog.update', id=post['id']) }}">Edit</a>
      {% endif %}
    </header>
    <p class="body">{{ post['body'] }}</p>
  </article>
  {% if not loop.last %}
    <hr>
  {% endif %}
{% endfor %}
{% endblock %}

```

When a user is logged in, the ``header`` block adds a link to the ``create`` view. When the user is the author of a post, they'll see an "Edit" link to the ``update`` view for that post. ``loop.last`` is a special variable available inside `Jinja for loops`_. It's used to display a line after each post except the last one, to visually separate them.

.. _Jinja for loops: <https://jinja.palletsprojects.com/templates/#for>

Create

The ``create`` view works the same as the auth ``register`` view. Either the form is displayed, or the posted data is validated and the post is added to the database or an error is shown.

The ``login_required`` decorator you wrote earlier is used on the blog views. A user must be logged in to visit these views, otherwise they will be redirected to the login page.

.. code-block:: python

:caption: ``flaskr/blog.py``

```
@bp.route('/create', methods=('GET', 'POST'))
@login_required
def create():
    if request.method == 'POST':
        title = request.form['title']
        body = request.form['body']
        error = None

        if not title:
            error = 'Title is required.'

        if error is not None:
            flash(error)
        else:
            db = get_db()
            db.execute(
                'INSERT INTO post (title, body, author_id)'
                ' VALUES (?, ?, ?)',
                (title, body, g.user['id'])
            )
            db.commit()
            return redirect(url_for('blog.index'))

    return render_template('blog/create.html')
```

.. code-block:: html+jinja

:caption: ``flaskr/templates/blog/create.html``

```
{% extends 'base.html' %}

{% block header %}
<h1>{% block title %}New Post{% endblock %}</h1>
{% endblock %}

{% block content %}
<form method="post">
<label for="title">Title</label>
<input name="title" id="title" value="{{ request.form['title'] }}" required>
<label for="body">Body</label>
<textarea name="body" id="body">{{ request.form['body'] }}</textarea>
<input type="submit" value="Save">
</form>
{% endblock %}
```

Update

Both the ``update`` and ``delete`` views will need to fetch a ``post`` by ``id`` and check if the author matches the logged in user. To avoid duplicating code, you can write a function to get the ``post`` and call it from each view.

.. code-block:: python

:caption: ``flaskr/blog.py``

```
def get_post(id, check_author=True):
    post = get_db().execute(
        'SELECT p.id, title, body, created, author_id, username'
        ' FROM post p JOIN user u ON p.author_id = u.id'
        ' WHERE p.id = ?',
        (id,)
    ).fetchone()

    if post is None:
        abort(404, f"Post id {id} doesn't exist.")

    if check_author and post['author_id'] != g.user['id']:
        abort(403)

    return post
```

:func:`abort` will raise a special exception that returns an HTTP status code. It takes an optional message to show with the error, otherwise a default message is used. ``404`` means "Not Found", and ``403`` means "Forbidden". (``401`` means "Unauthorized", but you redirect to the login page instead of returning that status.)

The ``check_author`` argument is defined so that the function can be used to get a ``post`` without checking the author. This would be useful if you wrote a view to show an individual post on a page, where the user doesn't matter because they're not modifying the post.

.. code-block:: python

:caption: ``flaskr/blog.py``

```
@bp.route('/<int:id>/update', methods=('GET', 'POST'))
@login_required
def update(id):
    post = get_post(id)

    if request.method == 'POST':
        title = request.form['title']
        body = request.form['body']
```

```

error = None

if not title:
    error = 'Title is required.'

if error is not None:
    flash(error)
else:
    db = get_db()
    db.execute(
        'UPDATE post SET title = ?, body = ?'
        ' WHERE id = ?',
        (title, body, id)
    )
    db.commit()
    return redirect(url_for('blog.index'))

return render_template('blog/update.html', post=post)

```

Unlike the views you've written so far, the `update` function takes an argument, `id`. That corresponds to the `<int:id>` in the route. A real URL will look like `/1/update`. Flask will capture the `1`, ensure it's an `int`, and pass it as the `id` argument. If you don't specify `int:` and instead do `<id>`, it will be a string. To generate a URL to the update page, `url_for` needs to be passed the `id` so it knows what to fill in: `url_for('blog.update', id=post['id'])`. This is also in the `index.html` file above.

The `create` and `update` views look very similar. The main difference is that the `update` view uses a `post` object and an `UPDATE` query instead of an `INSERT`. With some clever refactoring, you could use one view and template for both actions, but for the tutorial it's clearer to keep them separate.

.. code-block:: html+jinja
:caption: flaskr/templates/blog/update.html

```

{% extends 'base.html' %}

{% block header %}
<h1>{% block title %}Edit "{{ post['title'] }}"{% endblock %}</h1>
{% endblock %}

{% block content %}
<form method="post">
<label for="title">Title</label>
<input name="title" id="title"

```

```

    value="{{ request.form['title'] or post['title'] }}" required>
<label for="body">Body</label>
<textarea name="body" id="body">{{ request.form['body'] or post['body'] }}</textarea>
<input type="submit" value="Save">
</form>
<hr>
<form action="{{ url_for('blog.delete', id=post['id']) }}" method="post">
    <input class="danger" type="submit" value="Delete" onclick="return confirm('Are you sure?');">
</form>
{% endblock %}

```

This template has two forms. The first posts the edited data to the current page (`update`). The other form contains only a button and specifies an `action` attribute that posts to the delete view instead. The button uses some JavaScript to show a confirmation dialog before submitting.

The pattern `{{ request.form['title'] or post['title'] }}` is used to choose what data appears in the form. When the form hasn't been submitted, the original `post` data appears, but if invalid form data was posted you want to display that so the user can fix the error, so `request.form` is used instead. `:data: request` is another variable that's automatically available in templates.

Delete

The delete view doesn't have its own template, the delete button is part of `update.html` and posts to the `delete` URL. Since there is no template, it will only handle the `POST` method and then redirect to the `index` view.

.. code-block:: python

:caption: `flaskr/blog.py`

```

@bp.route('/<int:id>/delete', methods=('POST',))
@login_required
def delete(id):
    get_post(id)
    db = get_db()
    db.execute('DELETE FROM post WHERE id = ?', (id,))
    db.commit()
    return redirect(url_for('blog.index'))

```

Congratulations, you've now finished writing your application! Take some time to try out everything in the browser. However, there's still more to do before the project is complete.

Continue to `:doc:`install``.

Found in path(s):

* `/opt/cola/permits/1168197544_1621956566.63/0/pallets-flask-2-0-1-0-gbc90801-tar-gz/pallets-flask-d81b7bf/docs/tutorial/blog.rst`

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Flask Extension Development

=====

Flask, being a microframework, often requires some repetitive steps to get a third party library working. Many such extensions are already available on `PyPI``.

If you want to create your own Flask extension for something that does not exist yet, this guide to extension development will help you get your extension running in no time and to feel like users would expect your extension to behave.

Anatomy of an Extension

Extensions are all located in a package called `flask_something`` where "something" is the name of the library you want to bridge. So for example if you plan to add support for a library named `simplexml`` to Flask, you would name your extension's package `flask_simplexml``.

The name of the actual extension (the human readable name) however would be something like "Flask-SimpleXML". Make sure to include the name "Flask" somewhere in that name and that you check the capitalization. This is how users can then register dependencies to your extension in their `file:`setup.py`` files.

But what do extensions look like themselves? An extension has to ensure that it works with multiple Flask application instances at once. This is a requirement because many people will use patterns like the `:doc:`/patterns/appfactories`` pattern to create their application as needed to aid unittests and to support multiple configurations. Because of that it is crucial that your application supports that kind of behavior.

Most importantly the extension must be shipped with a `file:`setup.py`` file and registered on PyPI. Also the development checkout link should work so that people can easily install the development version into their virtualenv without having to download the library by hand.

Flask extensions must be licensed under a BSD, MIT or more liberal license

in order to be listed in the Flask Extension Registry. Keep in mind that the Flask Extension Registry is a moderated place and libraries will be reviewed upfront if they behave as required.

```
"Hello Flaskext!"
```

```
-----
```

So let's get started with creating such a Flask extension. The extension we want to create here will provide very basic support for SQLite3.

First we create the following folder structure::

```
flask-sqlite3/  
  flask_sqlite3.py  
  LICENSE  
  README
```

Here's the contents of the most important files:

```
setup.py  
-----
```

The next file that is absolutely required is the `setup.py` file which is used to install your Flask extension. The following contents are something you can work with::

```
"""  
Flask-SQLite3  
-----
```

```
This is the description for that library  
"""
```

```
from setuptools import setup
```

```
setup(  
    name='Flask-SQLite3',  
    version='1.0',  
    url='http://example.com/flask-sqlite3/',  
    license='BSD',  
    author='Your Name',  
    author_email='your-email@example.com',  
    description='Very short description',  
    long_description=__doc__,  
    py_modules=['flask_sqlite3'],  
    # if you would be using a package instead use packages instead  
    # of py_modules:  
    # packages=['flask_sqlite3'],
```

```

zip_safe=False,
include_package_data=True,
platforms='any',
install_requires=[
    'Flask'
],
classifiers=[
    'Environment :: Web Environment',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: BSD License',
    'Operating System :: OS Independent',
    'Programming Language :: Python',
    'Topic :: Internet :: WWW/HTTP :: Dynamic Content',
    'Topic :: Software Development :: Libraries :: Python Modules'
]
)

```

That's a lot of code but you can really just copy/paste that from existing extensions and adapt.

```

flask_sqlite3.py
.....

```

Now this is where your extension code goes. But how exactly should such an extension look like? What are the best practices? Continue reading for some insight.

Initializing Extensions

Many extensions will need some kind of initialization step. For example, consider an application that's currently connecting to SQLite like the documentation suggests (:doc:`patterns/sqlite3`). So how does the extension know the name of the application object?

Quite simple: you pass it to it.

There are two recommended ways for an extension to initialize:

initialization functions:

If your extension is called `helloworld` you might have a function called ``init_helloworld(app[, extra_args])`` that initializes the extension for that application. It could attach before / after handlers etc.

classes:

Classes work mostly like initialization functions but can later be used to further change the behavior.

What to use depends on what you have in mind. For the SQLite 3 extension we will use the class-based approach because it will provide users with an object that handles opening and closing database connections.

When designing your classes, it's important to make them easily reusable at the module level. This means the object itself must not under any circumstances store any application specific state and must be shareable between different applications.

The Extension Code

Here's the contents of the `flask_sqlite3.py` for copy/paste::

```
import sqlite3
from flask import current_app, _app_ctx_stack

class SQLite3(object):
    def __init__(self, app=None):
        self.app = app
        if app is not None:
            self.init_app(app)

    def init_app(self, app):
        app.config.setdefault('SQLITE3_DATABASE', ':memory:')
        app.teardown_appcontext(self.teardown)

    def connect(self):
        return sqlite3.connect(current_app.config['SQLITE3_DATABASE'])

    def teardown(self, exception):
        ctx = _app_ctx_stack.top
        if hasattr(ctx, 'sqlite3_db'):
            ctx.sqlite3_db.close()

    @property
    def connection(self):
        ctx = _app_ctx_stack.top
        if ctx is not None:
            if not hasattr(ctx, 'sqlite3_db'):
                ctx.sqlite3_db = self.connect()
            return ctx.sqlite3_db
```

So here's what these lines of code do:

1. The `__init__` method takes an optional app object and, if supplied, will call `init_app`.
2. The `init_app` method exists so that the `SQLite3` object can be instantiated without requiring an app object. This method supports the factory pattern for creating applications. The `init_app` will set the configuration for the database, defaulting to an in memory database if no configuration is supplied. In addition, the `init_app` method attaches the `teardown` handler.
3. Next, we define a `connect` method that opens a database connection.
4. Finally, we add a `connection` property that on first access opens the database connection and stores it on the context. This is also the recommended way to handling resources: fetch resources lazily the first time they are used.

Note here that we're attaching our database connection to the top application context via `_app_ctx_stack.top`. Extensions should use the top context for storing their own information with a sufficiently complex name.

So why did we decide on a class-based approach here? Because using our extension looks something like this::

```
from flask import Flask
from flask_sqlite3 import SQLite3

app = Flask(__name__)
app.config.from_pyfile('the-config.cfg')
db = SQLite3(app)
```

You can then use the database from views like this::

```
@app.route('/')
def show_all():
    cur = db.connection.cursor()
    cur.execute(...)
```

Likewise if you are outside of a request you can use the database by pushing an app context::

```
with app.app_context():
    cur = db.connection.cursor()
    cur.execute(...)
```

At the end of the `with` block the `teardown` handles will be executed automatically.

Additionally, the `init_app` method is used to support the factory pattern for creating apps::

```
db = SQLite3()
# Then later on.
app = create_app('the-config.cfg')
db.init_app(app)
```

Keep in mind that supporting this factory pattern for creating apps is required for approved flask extensions (described below).

.. admonition:: Note on `init_app`

As you noticed, `init_app` does not assign `app` to `self`. This is intentional! Class based Flask extensions must only store the application on the object when the application was passed to the constructor. This tells the extension: I am not interested in using multiple applications.

When the extension needs to find the current application and it does not have a reference to it, it must either use the `data:~flask.current_app` context local or change the API in a way that you can pass the application explicitly.

Using `_app_ctx_stack`

In the example above, before every request, a `sqlite3_db` variable is assigned to `_app_ctx_stack.top`. In a view function, this variable is accessible using the `connection` property of `SQLite3`. During the teardown of a request, the `sqlite3_db` connection is closed. By using this pattern, the *same* connection to the sqlite3 database is accessible to anything that needs it for the duration of the request.

Learn from Others

This documentation only touches the bare minimum for extension development. If you want to learn more, it's a very good idea to check out existing extensions on the `PyPI`. If you feel lost there is still the `mailinglist` and the `Discord server` to get some ideas for nice looking APIs. Especially if you do something nobody before you did, it might be a very good idea to get some more input. This not only generates useful feedback on what people might want from an extension, but also avoids having multiple developers working in isolation on pretty much the same problem.

Remember: good API design is hard, so introduce your project on the mailing list, and let other developers give you a helping hand with designing the API.

The best Flask extensions are extensions that share common idioms for the API. And this can only work if collaboration happens early.

Approved Extensions

Flask previously had the concept of approved extensions. These came with some vetting of support and compatibility. While this list became too difficult to maintain over time, the guidelines are still relevant to all extensions maintained and developed today, as they help the Flask ecosystem remain consistent and compatible.

0. An approved Flask extension requires a maintainer. In the event an extension author would like to move beyond the project, the project should find a new maintainer and transfer access to the repository, documentation, PyPI, and any other services. If no maintainer is available, give access to the Pallets core team.
1. The naming scheme is `*Flask-ExtensionName*` or `*ExtensionName-Flask*`. It must provide exactly one package or module named `flask_extension_name``.
2. The extension must be BSD or MIT licensed. It must be open source and publicly available.
3. The extension's API must have the following characteristics:
 - It must support multiple applications running in the same Python process. Use `current_app`` instead of `self.app``, store configuration and state per application instance.
 - It must be possible to use the factory pattern for creating applications. Use the `ext.init_app()`` pattern.
4. From a clone of the repository, an extension with its dependencies must be installable with `pip install -e .``.
5. It must ship a testing suite that can be invoked with `tox -e py`` or `pytest``. If not using `tox``, the test dependencies should be specified in a `requirements.txt`` file. The tests must be part of the sdist distribution.
6. The documentation must use the `flask`` theme from the `Official Pallets Themes`_`. A link to the documentation or project website must be in the PyPI metadata or the readme.
7. For maximum compatibility, the extension should support the same versions of Python that Flask supports. 3.6+ is recommended as of 2020. Use `python_requires=">= 3.6"``` in `setup.py`` to indicate supported versions.

.. _PyPI: <https://pypi.org/search/?c=Framework+%3A%3A+Flask>
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1.189 apk-tools 2.12.1-r0

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
{
"testfiles": [
"test/*.uts",
"test/scapy/layers/*.uts",
```

```

"test/contrib/automotive/*.uts",
"test/contrib/automotive/obd/*.uts",
"test/contrib/automotive/gm/*.uts",
"test/contrib/automotive/bmw/*.uts",
"test/contrib/automotive/xcp/*.uts",
"test/contrib/*.uts"
],
"remove_testfiles": [
"test/linux.uts",
"test/windows.uts",
"test/contrib/automotive/ecu_am.uts",
"test/contrib/automotive/gm/gmlanutils.uts",
"test/contrib/isotp.uts",
"test/contrib/isotpscan.uts"
],
"onlyfailed": true,
"preexec": {
"test/contrib/*.uts": "load_contrib(\"%name%\")",
"test/cert.uts": "load_layer(\"tls\")",
"test/ssl2.uts": "load_layer(\"tls\")",
"test/tls*.uts": "load_layer(\"tls\")"
},
"kw_ko": [
"linux",
"windows",
"crypto_advanced",
"ipv6",
"vcan_socket"
]
}

```

1.191 berkeley-db 0.1.1

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1.192 scp-py 0.13.4

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```

1.193 jsonconverter 1.0.3

1.193.1 Available under license :

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```
Metadata-Version: 2.1
Name: jsonConverter
Version: 1.0.3
Summary: Json converter
Home-page: https://github.com/gp2kumar/jsonconverter
Author: prgarre
Author-email: garrepradeepkumar@gmail.com
License: UNKNOWN
Description: # jsonconverter
    A one step stop for all Json conversions.

# Installation
<pre>
pip install jsonConverter
</pre>
```

Usage

```
<pre>
from jsonConverter import jsonConverter
json_converter = jsonConverter(ANY_JSON)
</pre>
```

Invoke jsonConverter from json file

```
<pre>
from jsonConverter import jsonConverter
json_converter = jsonConverter.from_file(json_path)
</pre>
```

Invoke jsonConverter from json string

```
<pre>
from jsonConverter import jsonConverter
json_converter = jsonConverter.from_string(json_str)
</pre>
```

Get htmltable from json

```
<pre>
from jsonConverter import jsonConverter
json_converter = jsonConverter(ANY_JSON)
json_converter.get_html_table()
</pre>
```

How to change default attributes for html table

Below attributes are exposed. So, pass these parameters to get_html_table method.

```
<pre>
table_border_color
header_cell_border_color
header_background_color
header_text_color
header_font_size
</pre>
```

Example 1 : get html table with header background color as red

```
<pre>
from jsonConverter import jsonConverter
json_converter = jsonConverter(ANY_JSON)
json_converter.get_html_table(header_background_color = "#ff0000")
</pre>
```

Platform: UNKNOWN

Classifier: Programming Language :: Python :: 3

Classifier: License :: OSI Approved :: MIT License

Classifier: Operating System :: OS Independent

Requires-Python: >=3.5

Description-Content-Type: text/markdown

Found in path(s):

* /opt/cola/permits/1175627201_1624495747.9/0/jsonconverter-1-0-3-tar-gz/jsonConverter-1.0.3/PKG-INFO

* /opt/cola/permits/1175627201_1624495747.9/0/jsonconverter-1-0-3-tar-gz/jsonConverter-

1.0.3/jsonConverter.egg-info/PKG-INFO

No license file was found, but licenses were detected in source scan.

```
import setuptools
```

```
with open("README.md", "r") as fh:
```

```
    long_description = fh.read()
```

```
setuptools.setup(  
    name="jsonConverter",  
    version="1.0.3",  
    author="prgarre",  
    author_email="garrepradeepkumar@gmail.com",  
    description="Json converter",  
    long_description=long_description,  
    long_description_content_type="text/markdown",  
    url="https://github.com/gp2kumar/jsonconverter",  
    packages=setuptools.find_packages(),  
    classifiers=[  
        "Programming Language :: Python :: 3",  
        "License :: OSI Approved :: MIT License",  
        "Operating System :: OS Independent",  
    ],  
    python_requires='>=3.5',  
    install_requires=["jinja2", "beautifulsoup4"]  
)
```

Found in path(s):

* /opt/cola/permits/1175627201_1624495747.9/0/jsonconverter-1-0-3-tar-gz/jsonConverter-1.0.3/setup.py

1.194 cachelib 0.2.0

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Found in path(s):

* /opt/cola/permits/1179389305_1626096999.75/0/cachelib-0-2-0-tar-gz/cachelib-0.2.0/LICENSE.rst

No license file was found, but licenses were detected in source scan.

[metadata]

name = cachelib

version = attr: cachelib.__version__

url = <https://github.com/pallets/cachelib/>

project_urls =

Donate = <https://palletsprojects.com/donate>

Documentation = <https://cachelib.readthedocs.io/>

Changes = <https://cachelib.readthedocs.io/changes/>

Source Code = <https://github.com/pallets/cachelib/>

Issue Tracker = <https://github.com/pallets/cachelib/issues/>

Twitter = <https://twitter.com/PalletsTeam>

Chat = <https://discord.gg/pallets>

license = BSD-3-Clause

license_files = LICENSE.rst

maintainer = Pallets

maintainer_email = contact@palletsprojects.com

description = A collection of cache libraries in the same API interface.

long_description = file: README.rst

long_description_content_type = text/x-rst

classifiers =

Development Status :: 5 - Production/Stable
Intended Audience :: Developers
License :: OSI Approved :: BSD License
Operating System :: OS Independent
Programming Language :: Python

[options]

packages = find:
package_dir == src
include_package_data = true
python_requires = >= 3.6

[options.packages.find]

where = src

[tool:pytest]

testpaths = tests
filterwarnings =
error
default::DeprecationWarning:cachelib.uwsgi

[coverage:run]

branch = True
source =
cachelib
tests

[coverage:paths]

source =
src
*/site-packages

[flake8]

select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80

[egg_info]

tag_build =
tag_date = 0

Found in path(s):

* /opt/cola/permits/1179389305_1626096999.75/0/cachelib-0-2-0-tar-gz/cachelib-0.2.0/setup.cfg

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Metadata-Version: 2.1

Name: cachelib

Version: 0.2.0

Summary: A collection of cache libraries in the same API interface.

Home-page: <https://github.com/pallets/cachelib/>

Maintainer: Pallets

Maintainer-email: contact@palletsprojects.com

License: BSD-3-Clause

Project-URL: Donate, <https://palletsprojects.com/donate>

Project-URL: Documentation, <https://cachelib.readthedocs.io/>

Project-URL: Changes, <https://cachelib.readthedocs.io/changes/>

Project-URL: Source Code, <https://github.com/pallets/cachelib/>

Project-URL: Issue Tracker, <https://github.com/pallets/cachelib/issues/>

Project-URL: Twitter, <https://twitter.com/PalletsTeam>

Project-URL: Chat, <https://discord.gg/pallets>

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Requires-Python: >=3.6

Description-Content-Type: text/x-rst

License-File: LICENSE.rst

CacheLib

=====

A collection of cache libraries in the same API interface. Extracted from Werkzeug.

Installing

Install and update using `pip`_:

.. code-block:: text

```
$ pip install -U cachelib
```

.. _pip: <https://pip.pypa.io/en/stable/quickstart/>

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Links

- Documentation: <https://cachelib.readthedocs.io/>
- Changes: <https://cachelib.readthedocs.io/changes/>
- PyPI Releases: <https://pypi.org/project/cachelib/>
- Source Code: <https://github.com/pallets/cachelib/>
- Issue Tracker: <https://github.com/pallets/cachelib/issues/>
- Twitter: <https://twitter.com/PalletsTeam>
- Chat: <https://discord.gg/pallets>

Found in path(s):

* /opt/cola/permits/1179389305_1626096999.75/0/cachelib-0-2-0-tar-gz/cachelib-0.2.0/src/cachelib.egg-info/PKG-INFO

* /opt/cola/permits/1179389305_1626096999.75/0/cachelib-0-2-0-tar-gz/cachelib-0.2.0/PKG-INFO

1.195 python-editor 1.0.4

1.195.1 Available under license :

Apache License

Version 2.0, January 2004

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1.196 libcap 2.46-r0

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1.197 six 1.16.0

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the

Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

@item

As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

@enumerate a

@item

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

@item

Accompany the work with a written offer, valid for at

least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

@item

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

For an executable, the required form of the ``work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

@item

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@enumerate a

@item

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

@item

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

@end enumerate

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@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

Copyright (C) @var{year} @var{name of author}

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

@smallexample

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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@center Version 2, June 1991

@c This file is intended to be included within another document,

@c hence no sectioning command or @node.

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@enumerate a

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Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

@item

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium

customarily used for software interchange; or,

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Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

@end enumerate

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@end iftex

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@center END OF TERMS AND CONDITIONS

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@page

@heading Appendix: How to Apply These Terms to Your New Programs

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
@smallexample
Gnomovision version 69, Copyright (C) @var{year} @var{name of author}
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
@end smallexample
```

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than @samp{show w} and @samp{show c}; they could even be mouse-clicks or menu items---whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example
```

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The gettext-runtime package is partially under the LGPL and partially under the GPL.

The following parts are under the LGPL, see file intl/COPYING.LIB:

- the libintl and libasprintf libraries and their header files,
- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

The following parts are under the GPL, see file COPYING in the toplevel directory:

- the _programs_ gettext, ngettext, envsubst,
- the documentation.

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We protect your rights with a two-step method: (1) we copyright the

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^L

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- a) Accompany the work with the complete corresponding

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Version 3, 29 June 2007

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1.204 openssl 1.1.1k-r0

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